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Annual Report 1985-86

Saskatchewan Health

Dental Plan

September 1, 1985 to August 31, 1986

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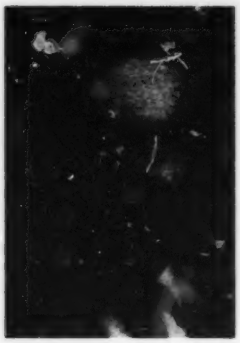

Graham Taylor
Minister of Health

Saskatchewan Health

To the Honourable F. W. Johnson
Lieutenant Governor of Saskatchewan

May It Please Your Honour:

I am pleased to present the Report of the Dental Plan for the year ending August 31, 1986.

Respectfully submitted,

Graham Taylor,
Minister of Health.

Walter Podiluk
Deputy Minister
of Health

Saskatchewan Health

To the Honourable Graham Taylor
Minister of Health

Sir:

I have the honour to present herewith for your consideration the Report of the Dental Plan for the year ending August 31, 1986.

Respectfully submitted,

Walter Podiluk,
Deputy Minister.

G. H. Loewen
Associate Deputy
Minister of Health

M. H. Lewis, D.D.S.
Executive Director
Saskatchewan Health Dental Plan

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Background

In 1968, the Saskatchewan Department of Health conducted surveys in Regina and Saskatoon which showed that the level of dental health of children in these cities was far from satisfactory. On the basis of the survey results, the Dental Division of the Department of Health proposed that the federal government allocate funds for a dental pilot project in the province. The project was to provide dental health education, preventive services and treatment services to children through a dental team consisting of a dentist, two dental therapists (formerly called dental nurses), three dental assistants and one receptionist recorder.

The dental therapists were formally trained to provide educational, preventive and treatment services to children, including deciduous (baby) tooth extractions and amalgam and composite restorations (silver and tooth-colored fillings) in deciduous and permanent teeth. The three dental assistants were formally trained to provide chairside assistance, simple prophylaxis (cleaning) and topical fluoride.

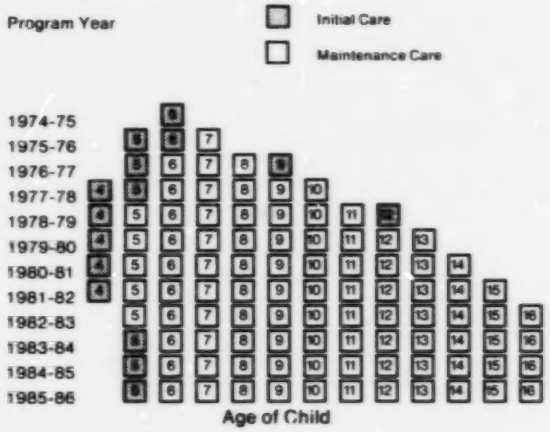
Services were made available to children from three to twelve years of age in the Oxbow area of Southeastern Saskatchewan. The dental team was housed in a mobile clinic equipped with four dental units, an X-ray machine, a laboratory and a reception room. The project lasted for three years. It demonstrated that high quality care could be provided by such a program and also that parents were prepared to enroll their children in a dental program in which care was provided by dental therapists. It was important to establish that a dental program making use of dental therapists could be successful because one of the main reasons for testing such a program was the chronic shortage of dentists in the province, especially in the rural areas.

On the basis of the successful Oxbow project, the Government of Saskatchewan announced in March 1972 that a province-wide, school-based dental program would be established to provide comprehensive dental care to children between the ages of three and twelve. The program commenced in September 1974. With the cooperation of the Department of Education and local school boards, dental clinics have been located in schools to make access more convenient for children and parents.

Children have been enrolled as follows:

Enrollment Date	Year of Birth
September 1974	1968
September 1975	1969, 1970
September 1976	1967, 1971
September 1977	1972
February 1978	1973
September 1978	1966, 1974
September 1979	1975
September 1980	1976
September 1981	1977
September 1983	1978
September 1984	1979
September 1985	1980

Phase in Schedule



On April 1, 1982 the Saskatchewan Dental Plan assumed responsibility on behalf of the Medical Services Division, for the administration of the Supplementary Health Benefits Dental Program.

Several studies on the Saskatchewan Health Dental Plan have been carried out during its years in operation. They include: Research in the Use of Expanded Function Auxiliaries (Curry, T. M., et al, 1974); Social Class and Dental Care Utilization (Swanson, E., 1976); Quality Evaluation of Dental Services Provided by Saskatchewan Dental Plan (Ambrose, E., et al, 1976); Attitude Survey of Families Enrolled in the Saskatchewan Dental Plan (1979); and Performance of the Saskatchewan Dental Plan (Lewis, D., 1981). All of the above reports, except the first, are available through the Saskatchewan Health Dental Plan's administrative office in Regina.

Organization and Administration

Legislative and Regulatory Authority

The Dental Care Act gives the Department of Health authority to operate a dental care program. The act authorizes the Minister to enter into agreements with or to employ dentists, dental therapists and certified dental assistants and do such other things as are necessary for the establishment and operation of the dental care program.

The Saskatchewan Dental Nurses Act, (1973) created a Saskatchewan Dental Nurses Board to establish and maintain rules for the registration and licensing of dental nurses, to set standards of professional conduct for dental nurses, to advise the Minister of Health on matters referred to the Board and to ensure the regulations and standards of professional conduct were met by all registrants. The first Board was appointed on September 25, 1973.

The Saskatchewan Dental Nurses Act was rescinded and was replaced by **The Dental Therapists Act** in 1981. This Act established The Saskatchewan Dental Therapists Association, changed the name "dental nurse" to "dental therapist" and replaced the Saskatchewan Dental Nurses Board with the Saskatchewan Dental Therapists Council.

The Saskatchewan Dental Therapists Council establishes and maintains rules governing the registration and licensing of dental therapists and sets standards of professional conduct. The Council also ensures that the regulations and standards of professional conduct are met by all registered dental therapists.

Administrative Structure

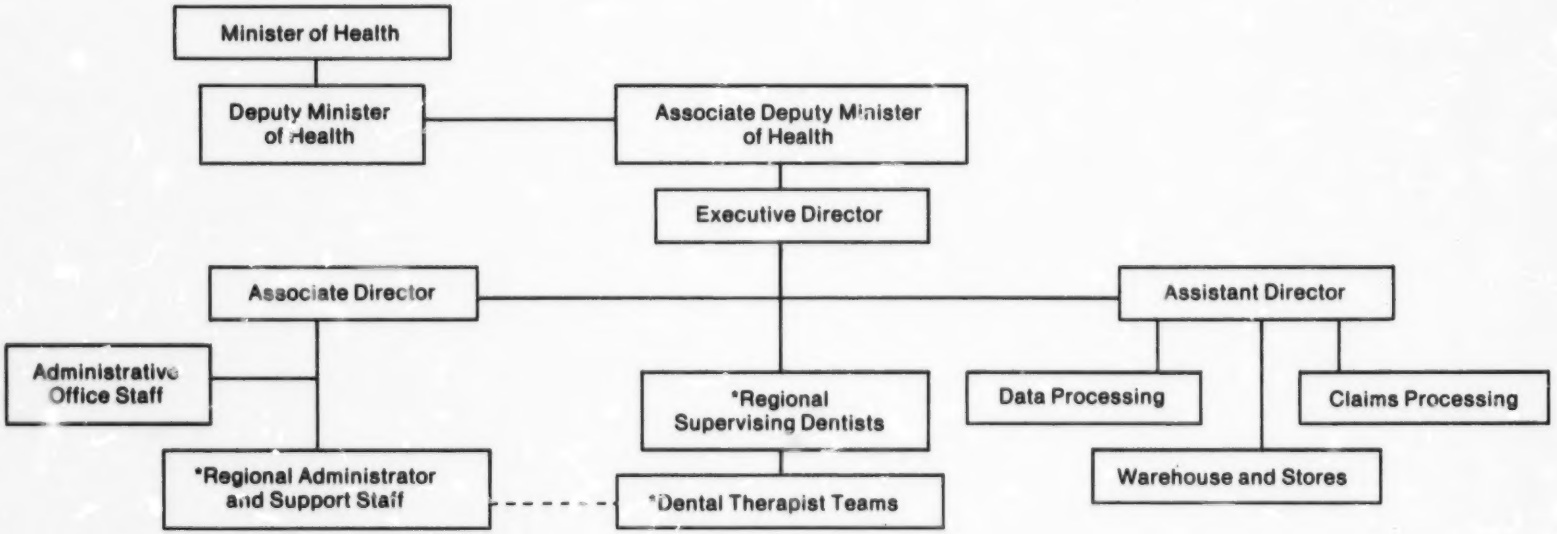
The administrative organization is outlined in the organization chart on page 6. The Saskatchewan Dental Plan is administered through a central headquarters staff, administrative staff, warehouse and stores personnel. The province is divided into six administrative regions. Regional headquarters are located in Swift Current, Regina, Saskatoon, Yorkton, Prince Albert and North Battleford.[1]

The Saskatchewan Dental Plan does not provide coverage to children and adolescents in the northern part of the province. The Northern Health Services Branch operates its own dental plan for children and adolescents. However, the Saskatchewan Dental Plan provides Northern Health Services Branch with consultation, dental equipment technician services and supplies from the Dental Plan Central Warehouse.

[1] The six Dental Plan Administrative Regions and headquarter locations are shown on the map on page 7.

Dental Plan Administrative Organization

Figure 1



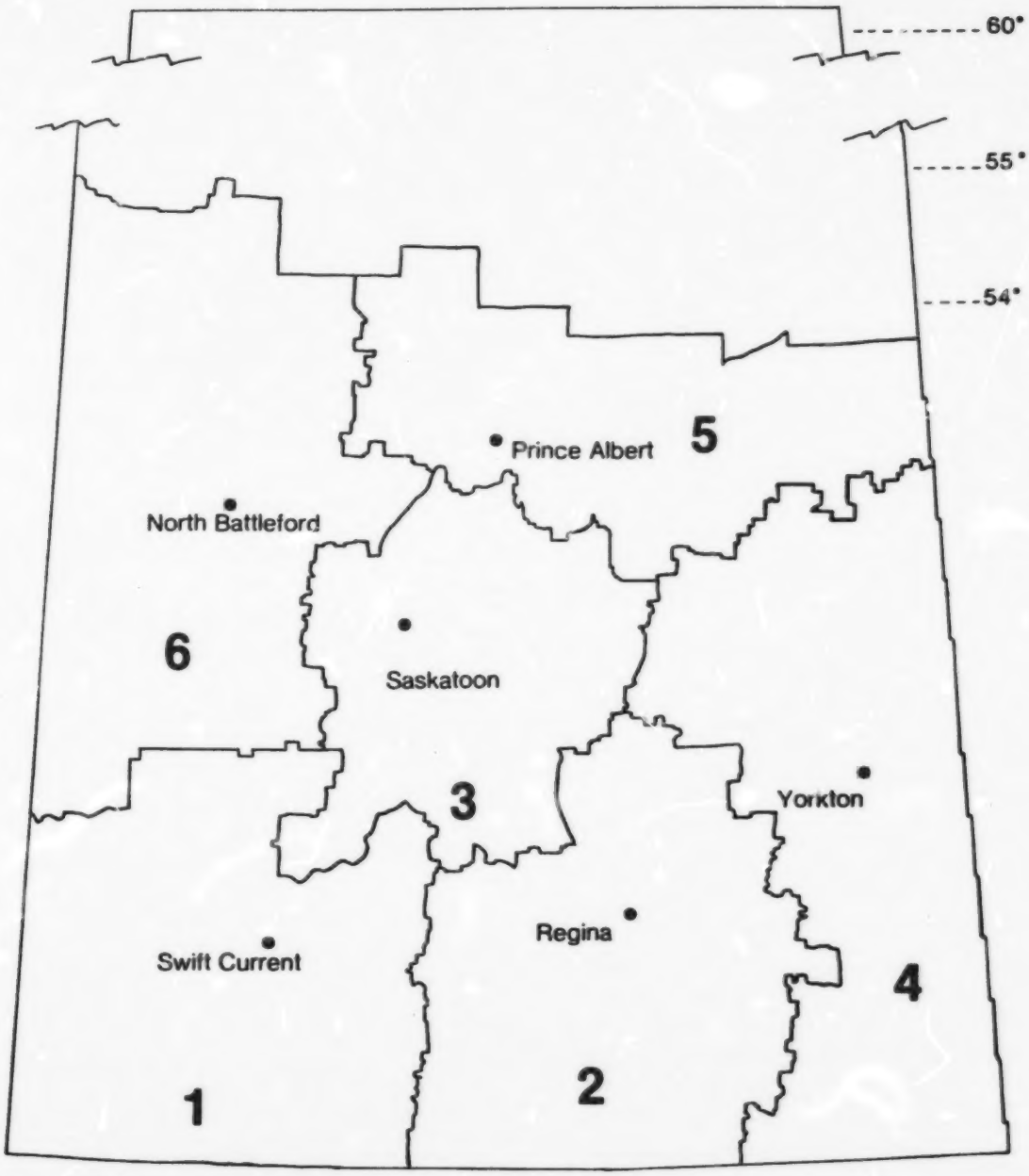
– – – – Administrative Supervision

* Field Organization in Each of Six Regions

August, 1986

Dental Plan Administrative Regions

Figure 2



Key to Administrative Regions

No. 1 Swift Current
No. 2 Regina
No. 3 Saskatoon
No. 4 Yorkton
No. 5 Prince Albert
No. 6 North Battleford

August 31, 1986

Profile of Dental Plan Personnel

Clinical Personnel

1. Supervising Dentist

The supervising dentist performs a variety of duties in close cooperation with approximately eight dental therapist teams. Each team consists of one dental therapist and one certified dental assistant. The dentist spends a great deal of time examining and formulating treatment plans for enrolled children and adolescents. The dentist carries out services which are beyond the scope of the dental therapist. Lines of communication are always open between the team and the dentist in order to provide the team with immediate consultation or assistance when necessary. As supervisor, the dentist monitors the quality and quantity of work being performed by the teams. To do this, the dentist examines selected patients from each team annually using established criteria. The dentist also sees that priorities and schedules are being arranged and met.

Meeting frequently with parents, superintendents, principals, teachers and local officials, the dentist plays a significant role in public relations. All field staff are essentially public relations officers but it is the supervising dentist, together with the regional administrator, who must assess and deal with the specific difficulties and judge public sentiment.

2. Dental Therapist

The Saskatchewan Dental Therapist is a graduate of a two-year training course. Students in this course learn to diagnose tooth decay and to restore permanent and baby teeth with silver amalgam and composite resin filling materials. Dental therapists are trained to place stainless steel crowns and space maintainers and to perform pulpotomies (nerve treatments) and extractions on baby teeth. Considerable emphasis in their training is placed on the prevention of dental disease.

Most practising dental therapists in Saskatchewan are employed by the Saskatchewan Dental Plan. Other employers include various provincial and federal government agencies and dentists in private practice.

In the Dental Plan the dental therapist, with the aid of an assistant, provides the majority of preventive and restorative treatment required by the Dental Plan patients.

3. Dental Therapist/Hygienist

The Wascana Institute of Applied Arts and Sciences provides a unique dental hygiene training program. The program is specifically designed for graduate dental therapists. Dental therapists receive approximately 7 months additional training to obtain the skills necessary to be qualified dental hygienists. The program is accredited by the Canadian Dental Association Council on Education.

Working with a dental assistant, the dental therapist/hygienist provides preventive services, treatment services and staff education aimed at the prevention and treatment of periodontal disease.

In addition, the dental therapist/hygienist spends some time providing the traditional restorative and preventive services of a dental therapist.

4. Certified Dental Assistant

Certified dental assistants, who are graduates of a one-year course, play a dual role within the dental team. They perform many chairside duties for the dentist and therapist, such as instrument transfer, suctioning, retraction, preparation of restorative materials and sterilization. In addition they take radiographs, clean and polish teeth, apply topical fluorides, place sealants and provide oral hygiene instruction.

Non-Clinical Personnel

1. Regional Administrator

Regional administrators maintain records on personnel, equipment, materials, supplies and services. They work in close cooperation with supervising dentists in assigning service areas for dental therapist teams.

Regional administrators are responsible for identifying locations for dental clinics, monitoring program progress, identifying operational problems and initiating corrective action. They share with the supervising dentists, responsibility for public relations in the region and deal with specific difficulties affecting parents, staff and members of the public.

2. Equipment Technician

The equipment technician is experienced in instrument technology and repair of dental equipment, installing, repairing and maintaining all dental equipment within the region.

Preventive maintenance is practised by all staff under the guidance of the equipment technician. This maintenance eliminates a great deal of lost time because of malfunctioning dental equipment. The equipment technicians regularly visit the dental clinics and are therefore involved in considerable travel.

The supervising equipment technician provides technical guidance and on-the-job training to technicians and also undertakes some of the more complex repairs requiring specialized shop instruments and tools.

Organization of Delivery of Dental Services

Dental Facilities

The Dental Plan uses a team approach to provide dental services in the school setting. Most of the work provided by the dental teams is performed in one-chair permanent dental clinics. The dental clinics situated in schools have many advantages over clinics located outside the school setting. Some of the advantages are better coordination with school activities, keeping children within the familiar surroundings of their own school, minimal class disruption and a minimum of working time lost by dental teams because of missed appointments or having to transport patients.

As of August 31, 1986 there were 578 permanent clinics located in schools throughout Saskatchewan (Appendix 1 lists dental clinics alphabetically by region). Permanent dental clinics, where possible consist of a bright well-painted room of approximately 23 square meters, often with an adjoining waiting room and washroom. Most have overhead fluorescent lighting, a ventilation fan and an adequate number of electrical utility outlets. Each clinic has a lockable cupboard with a stainless steel sink and counter work areas. Located in the school, as close as possible to the clinic, is a large fixed air compressor.

A permanent dental clinic is furnished with a motorized dental chair with an attached light, operator and assistant stools, mobile dental cabinet, mobile dental cart, sterilizing equipment, amalgamator, brackets to accommodate a portable x-ray machine and portable lead shielding. All hand instruments are carried from clinic to clinic by the dental teams.

Patient Care

1. Children's Dental Care

The majority of patient care in the Dental Plan is provided in schools using a team approach.

Each team consists of a dental therapist and a certified dental assistant. Associated with each dental therapist team is a supervising dentist who works in close conjunction with about eight teams. In each region there are regional support staff including a regional administrator, an equipment technician and clerical workers.

A great deal of preliminary work within each dental region, in developing schedules, is undertaken to ensure that a timetable can be developed to provide dental care to all enrolled children with as little disruption to the school as possible. School principals are contacted to discuss suitable times for the teams to visit their schools and to inform them of the number of children enrolled in their particular area. The dental therapist team explains the operation of the Dental Plan to the school staff involved and discusses the schedule within each particular school. To promote continuity, dental teams attempt to schedule their work in a school at the same time each year.

A few days before the child's initial visit to the dental clinic parents are contacted by phone or letter. On the first clinic visit, the child's medical history is checked to see if there are any medical conditions which might affect the provision of dental care. A simple examination of the child's mouth is performed to determine if diagnostic x-rays are required. Any required radiographs are taken and processed.

During the second visit, the dentist or dental therapist gives the child a full clinical examination. A treatment plan is written to suit the individual preventive and restorative needs of the child. Parents are encouraged to be present for this visit so that the pertinent diagnostic findings and treatment planning can be discussed directly with them. At this time, diet and oral hygiene are also discussed with the parent and child. The prevention of dental disease is of great importance, and the dental teams stress preventive measures with the parents and children throughout the course of treatment.

Except for emergency and urgent problems, the actual dental treatment usually commences at the third clinical session. A dental therapist and certified dental assistant carry out treatment in accordance with the treatment plan. As treatment progresses, any necessary modifications in the treatment plan are made in consultation with the supervising dentist. Dental teams are encouraged to perform quadrant dentistry, so that all necessary treatment in any quarter of the mouth is performed during one visit. Most restorative treatment is performed with the use of rubber dam, a technique which provides improved visibility and control of the operating field for the dental therapist and comfort and protection of the patient.

Referrals to private practitioners are written for specific dental treatment. Private practitioners may also provide emergency services to enrolled children.

2. Adolescent Dental Care

Young people enrolled in the Saskatchewan Dental Plan have been receiving dental care primarily in school dental clinics. Upon leaving school they will be responsible for their own dental health and will need to seek care from a dentist in private practice. A bridging program has been developed in cooperation with the College of Dental Surgeons of Saskatchewan to encourage young people to make this transition. The program provides for a number of

adolescents 14 years to 17 years of age who are enrolled in the Dental Plan to receive care in private dental offices.

The Department of Health has an agreement with the College of Dental Surgeons of Saskatchewan to make a capitation payment to the College for each young person making one or more visits to a participating dentist. In turn an agreement between the College and participating dental practitioners allows dentists to be paid on a fee-for-service basis in accordance with a payment schedule established by the College for this program. All covered services are provided at no charge to the parents. This agreement specifies that dentists will make every effort to ensure the participation of these patients.

In order to provide dental services, schools with grades 9, 10 and 11 are designated as either Dental Plan schools or private practice schools. In Dental Plan schools care is provided by Dental Plan staff in school clinics. In private practice schools dental care is provided in the office of a participating dentist of the parent's choice. All schools assigned to private practice are within fifty kilometers driving distance of a participating dentist. During the year 85.8% of all adolescents born in 1969, 82.9% of those born in 1970, and 71.8% of those born in 1971, were assigned to private practitioners.

The agreement between the College of Dental Surgeons and the Department of Health also specifies that a Quality Assurance Committee will be established. It assesses and makes recommendations about the quality of care provided to young people in both dental clinics and dental offices. This committee consists of a dentist from private practice, a dentist from the College of Dentistry, University of Saskatchewan, and a dentist from the Dental Plan. The committee has established criteria for the evaluation of dental care. Each school year members of the committee visit a number of schools in the province and examine young people who have been treated in the program. The committee sees examples of dental care provided by dentists participating in the adolescent dental program and by dental therapists in school dental clinics. The committee reports its findings regularly to the College of Dental Surgeons of Saskatchewan and the Department of Health.

Statistical highlights of the 1985-86 year of operation of the adolescent program are presented in Tables 1A-1C.

Table 1A

Dental Health of Enrolled Adolescents
September, 1985 — August, 1986

	Year of Birth					
	1969		1970		1971	
	Assigned to Dental Plan	Assigned to Private Practice	Assigned to Dental Plan	Assigned to Private Practice	Assigned to Dental Plan	Assigned to Private Practice
Decayed, missing, filled permanent teeth (DMF/child)	7.80	7.18	6.80	6.09	5.58	5.22
Decayed	.93	1.09	1.01	1.02	.91	.98
Missing	.40	.21	.38	.17	.29	.18
Filled	6.46	5.87	5.40	4.89	4.37	4.05
% Children with DMF of 0	5.30	5.10	6.85	7.03	9.10	9.47

Table 1B

Number of Enrolled Adolescents Utilizing Dental Services
September, 1985 — August, 1986

Year of Birth	Provider of Service	Number Enrolled	Number Seen One or More Times	Percent of Enrolled Seen One or More Times
1969	Dental Plan	1,942	1,721	88.62
	Private Practice	11,777	8,901	75.58
	Sub total	13,719	10,601[1]	77.27
1970	Dental Plan	2,350	2,086	88.77
	Private Practice	11,354	8,615	75.88
	Sub total	13,704	10,674[1]	77.89
1971	Dental Plan	3,872	3,547	96.61
	Private Practice	9,851	8,064	81.86
	Sub total	13,723	11,556[1]	84.21
Total	Dental Plan	8,164	7,354	90.08
	Private Practice	32,982	25,580	77.56
	Total	41,146	32,831[1]	79.79

[1] As a young person could have been seen once by both Dental Plan staff and private practitioners due to school changes during the year, the two individual items do not equal the sum.

Table 1C

Principal Clinical Services Provided to Adolescents Born in 1969, 1970, and 1971

September, 1985 — August, 1986

Service	Assigned to Private Practice		Assigned to Dental Plan	
	Number of Services	Services Per 1,000 Seen One or More Times	Number of Services	Services Per 1,000 Seen One or More Times
Comprehensive examination	25,137	983	7,025	955
Emergency oral examination	0	0	8	1
Specific oral examination	4	0	2,997	408
Intra-oral periapical radiogram-single film	1,886	74	397	54
Intra-oral periapical radiogram-two films	1,345	53	77	10
Intra-oral periapical radiogram-three films	199	8	6	1
Intra-oral periapical radiogram-four films	757	30	15	2
Intra-oral periapical radiogram-five films	95	4	1	0
Intra-oral/occlusal-single film	6	0	16	2
Intra-oral/bitewing-one film	55	2	49	7
Intra-oral/bitewing-two films	20,891	817	3,001	408
Dental prophylaxis, oral hygiene instruction and topical fluoride	22,614	884	5,877	799
Fillings				
Permanent — one surface	11,183	437	3,350	456
Permanent — two surface	9,359	366	2,972	404
Permanent — three surface	2,349	92	718	98
Permanent — four surface	368	14	91	12
Permanent — five surface	74	3	23	3
Acrylic or composite Class I or V only	1,199	47	525	71
Class III	1,957	77	562	76
Class IV	716	28	108	15
Acrylic or composite, acid etch tech., double Class IV (involving mesial and distal)	378	15	47	6
Plastic (acrylic) processed	319	12	27	4
Endodontics — one canal	244	10	44	6
Extraction — single tooth	1,634	64	371	50
Each additional tooth in the same quadrant at the same appointment	77	3	19	3

Dental Health Promotion

Dental Plan staff are continually involved in community dental health education and promotion activities. Staff frequently participate in community and school association meetings, prenatal class presentations, career days, school open house activities, shopping mall displays and health fairs. Many dental teams also provide dental health instruction in the classroom. These activities are intended to promote dental health and to make current dental health information available to the public.

In 1983, a periodontal survey was conducted to gather information about gum disease in Saskatchewan adolescents. The results showed that although gum irritation, soft debris and limited hard deposits were prevalent amongst the adolescents surveyed, the majority of these conditions were found to be in the early stages. The findings of this survey emphasize the importance of education, prevention and early treatment of gum disease in Saskatchewan's adolescent population.

Preventive Programs

The Dental Plan strives to offer the most effective and practical measures available to reduce the incidence of dental disease. To help accomplish this objective, the position of Dental Health Educator has been established. This person is responsible for planning, implementing and evaluating prevention and research projects within the Dental Plan, training Dental Plan staff in prevention-related activities, developing and coordinating health education materials and acting as a resource person for Dental Plan staff. In this way, prevention activities are coordinated centrally within the Dental Plan.

An individual approach to prevention is used within the dental clinic. When indicated, children and adolescents receive individual oral hygiene and nutritional instruction, as well as topical applications of fluoride. The dental teams attempt to identify and concentrate their efforts on those children and adolescents with a high risk for dental disease.

Fissure Sealants

Fissure sealants are a thin plastic coating applied to the biting surfaces of back teeth to prevent decay. With the majority of tooth decay now occurring on the biting surfaces, sealants have taken a prominent role in the Dental Plan's prevention program.

The application procedure is simple. The biting surface of a permanent molar or pre-molar is cleaned and treated with a mild conditioning solution which allows the sealant to stick to the tooth. The plastic sealant material is then applied to the grooves of the tooth and allowed to set.

The use of fissure sealants has increased rapidly since they were introduced in the 1981-82 school year. Approximately 140,000 fissure sealants were placed in the 1984-85 school year. A further 118,000 were placed in the 1985-86 school year. As a result of this extensive use of fissure sealants, the number of fillings on biting surfaces being placed by the Dental Plan's clinical staff and by private practice dentists in the adolescent program has dropped significantly (see Figures 3 and 4).

Fluoride Mouthrinse Program

Many schools in each region are participating in fluoride mouthrinse programs with the approval of the local school board and school personnel. The fluoride mouthrinse program is a safe and economical way to prevent tooth decay and requires little classroom time. Every week, under supervision, the students rinse with a 0.2% neutral sodium fluoride solution for one minute and then return the solution to a paper cup for proper disposal. Studies show that fluoride mouthrinsing reduces tooth decay by up to 35%. This procedure is entirely voluntary and without cost to parents.

As of June 1986 approximately 12,000 students in 90 schools were participants in fluoride mouthrinse programs.

Figure 3

One Surface Amalgams and Sealants Placed on 1st Permanent Molars of 6 to 8 Year Olds Per 100 Children Examined

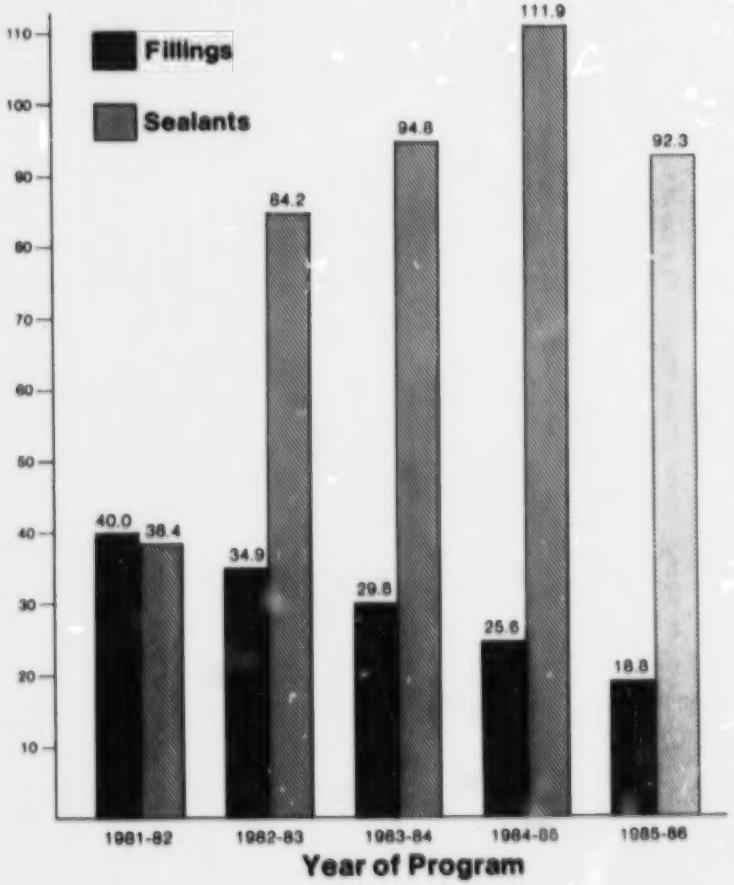
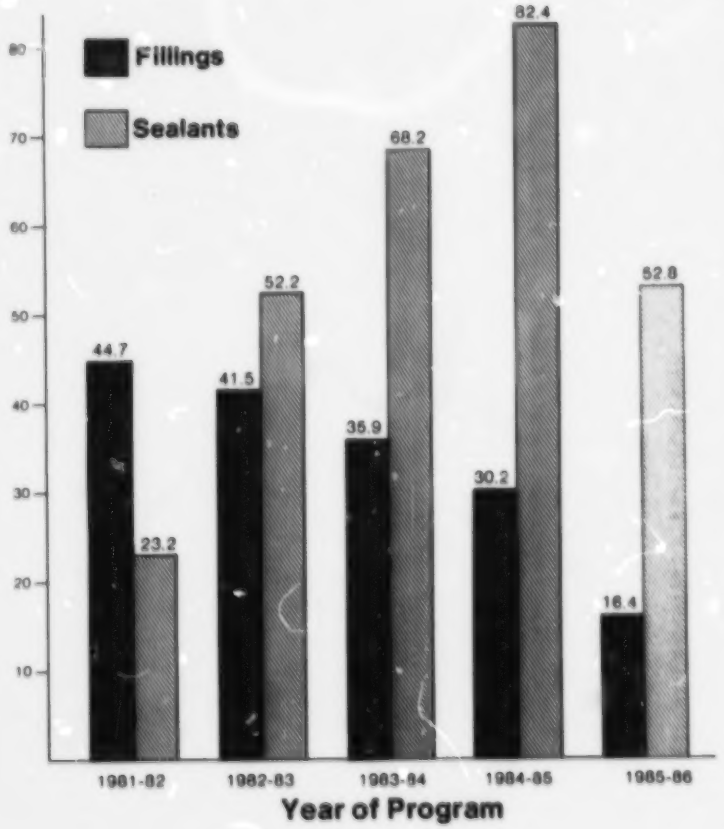


Figure 4

One Surface Amalgams and Sealants Placed on 2nd Permanent Molars of 12 to 14 Year Olds Per 100 Children Examined



Continuing Education

Continuing education is encouraged for all staff in the Dental Plan. Supervising dentists work with individual dental teams and groups of teams presenting and reviewing dental techniques. Regular team meetings normally set aside a portion of each meeting for continuing education. Topics include reviews of clinical procedures, patient management and communications skills.

Regional meetings also incorporate continuing education components in their programs. In addition to information presented by Dental Plan staff, several presentations were made by outside agencies or individuals.

A number of staff attended courses sponsored by the Public Service Commission. In addition, many staff received support for attending courses and meetings presented by other organizations in the province such as the Dental Therapists Association, the College of Dental Surgeons of Saskatchewan and the University of Saskatchewan.

A number of dentists and regional administrators in the Dental Plan attended management courses sponsored by the Department of Health and the Public Service Commission.

Other Activities

In addition to the major responsibility of improving the level of dental health of children and adolescents in the province, the Saskatchewan Dental Plan is involved in other dental activities.

The Dental Plan provides consultation on provincial dental matters to other agencies such as the Northern Health Services Branch, Community Health Services Branch, Medical Care Insurance Commission and the Federal Government.

The Dental Plan administers the Supplementary Health Dental Benefits program. In this capacity the Dental Plan processes approved claims for payment and summarizes unusual claims for review by the Dental Advisory Board. Details are provided in Appendix 2.

The College of Dentistry at the University of Saskatchewan and the Dental Plan work together to provide students and new graduates an opportunity to gain first hand knowledge of the Dental Plan. As well as encouraging graduates to consider a career as a supervising dentist with the Dental Plan, the knowledge gained from this experience helps build a positive working relationship between those graduates entering private practice in the province and the Dental Plan. College of Dentistry students at the University of Saskatchewan have an opportunity to learn about the Dental Plan through class discussions in which Dental Plan staff participate and by visits to Dental Plan clinics.

The Dental Plan also offers part-time employment to recent graduates of the College of Dentistry, University of Saskatchewan. Two recent graduates provided dental care on a part-time basis to children and adolescents attending Dental Plan clinics. These dentists become familiar with the Dental Plan and gain experience in providing dental care to children and adolescents.

The Dental Plan and the College of Dental Surgeons participate in a summer externship program. This program provides fifth year dental students at the University of Saskatchewan with an opportunity to gain experience in providing preventive and treatment procedures in a rural dental practice setting under the guidance of a private practitioner. The Dental Plan provided a grant to the College of Dental Surgeons of $800.00 per student per month for 8 students who worked a total of 17 months. This grant was paid to the private practitioner who in turn paid the student a salary of $1,600.00 a month.

Table 2 lists the numbers of children eligible to enroll in the Dental Plan by year of birth, the number enrolled, the number who refused and the number who have not responded to the invitation to enroll.

Table 3 lists the same data for registered Indians.

Figure 5 shows the total number of enrolled children by year for the 12 years the Dental Plan has been in operation.

Table 2

Enrollment of Eligible Children and Adolescents in the Dental Plan[1] as at August 31, 1986

Age Group	Number Eligible	Number Enrolled	Percent Enrolled	Number Refused	Percent Refused	Number No Response	Percent No Response
Total[2]	174,926	158,872	90.8	11,914	6.8	4,140	2.4
Born 1969	14,700	13,113	89.2	1,221	8.3	366	2.5
Born 1970	14,340	13,029	90.9	1,032	7.2	279	1.9
Born 1971	14,387	13,046	90.7	1,075	7.5	266	1.8
Born 1972	14,221	12,717	89.4	1,257	8.9	247	1.7
Born 1973	13,887	12,520	90.2	1,118	8.1	249	1.7
Born 1974	14,059	12,738	90.6	1,061	7.6	260	1.8
Born 1975	14,318	13,160	91.9	925	6.5	233	1.6
Born 1976	14,556	13,398	92.1	848	5.8	310	2.1
Born 1977	14,931	13,769	92.2	881	5.9	281	1.9
Born 1978	14,812	13,614	91.9	874	5.9	324	2.2
Born 1979	15,400	14,042	91.2	850	5.5	508	3.3
Born 1980	15,315	13,726	89.6	772	5.1	817	5.3

[1] Enrollment figures include those adolescents eligible for treatment by private practice dentists in the adolescent dental program.

[2] Enrollment figures for Registered Indians are reported separately. Because of a number of circumstances unique to that group of children and adolescents, their participation in the Dental Plan is markedly lower than that of other eligible children (see Table 3).

Table 3

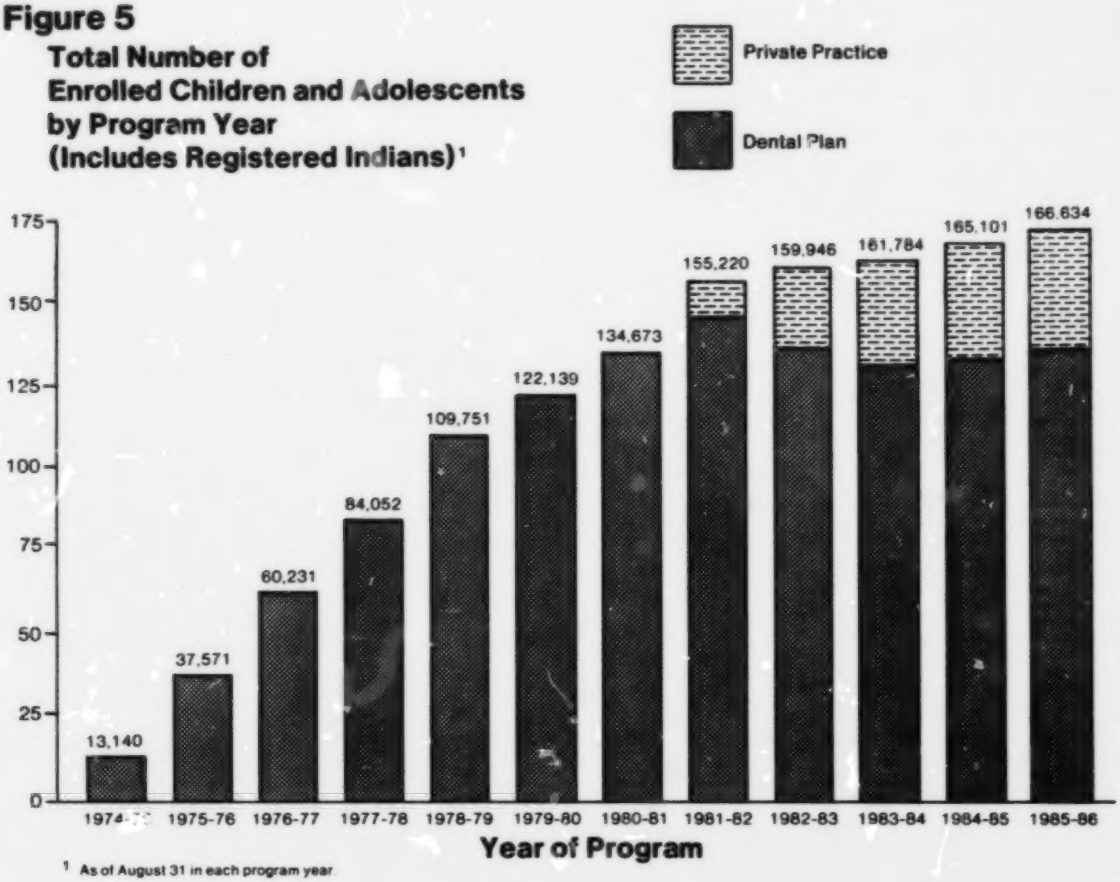
Enrollment of Eligible Registered Indians[1] as at August 31, 1986

Age Group	Number Eligible	Number Enrolled	Percent Enrolled	Number Refused	Percent Refused	Number No Response	Percent No Response
Total	12,595	7,762	61.6	459	3.7	4,374	34.7
Born 1969	960	606	63.1	42	4.4	312	32.5
Born 1970	1,024	674	65.8	59	5.8	291	28.4
Born 1971	1,000	677	67.7	45	4.5	278	27.8
Born 1972	1,051	708	67.4	50	4.7	293	27.9
Born 1973	993	682	68.7	40	4.0	271	27.3
Born 1974	1,049	711	67.3	50	4.8	288	27.4
Born 1975	999	661	66.2	46	4.6	292	29.2
Born 1976	1,050	684	65.2	38	3.6	328	31.2
Born 1977	1,063	678	63.8	34	3.2	351	33.0
Born 1978	1,121	676	60.3	23	2.1	422	37.6
Born 1979	1,119	575	51.4	14	1.2	530	47.4
Born 1980	1,166	430	36.9	18	1.5	718	61.6

[1] Enrollment figures include those adolescents eligible for treatment by private practice dentists in the adolescent dental program.

Figure 5

Total Number of Enrolled Children and Adolescents by Program Year (Includes Registered Indians)[1]



[1] As of August 31 in each program year.

Dental Health of Enrolled Children and Adolescents

Every child and adolescent enrolled in the Dental Plan is examined once a year. This is a thorough examination with a dental light, mirror, explorer and air to dry the teeth. X-rays may be used to detect cavities between the teeth that cannot be seen otherwise.

Children in the province experience considerable tooth decay at a young age. It can be seen in Table 4A that the average five year old had 1.91 decayed deciduous (baby) teeth.

Table 4B shows a dramatic improvement in the number of decayed, missing and filled permanent teeth for individual age groups from the 1974-75 program year to the 1985-86 program year.

Figure 6 reflects the improvement of dental health of six year old children during the twelve years the Dental Plan has been in operation.

The total number of decayed, missing and filled permanent and baby teeth for six year old children, as shown in Figure 6, has declined from 6.5 in 1974-75 to 2.9 in 1985-86. It should be noted that in addition to an overall reduction in the total there has been a significant change from the major category being decayed teeth for six year olds in 1974-75 to the major category being filled teeth for six year old children in 1985-86.

Table 4A

Dental Health of Enrolled Children and Adolescents
September, 1985 – August, 1986

	Average Number or Percent Per Adolescent By Year of Birth			Average Number or Percent Per Child by Year of Birth								
	1969[1]	1970[1]	1971[1]	1972[1]	1973[1]	1974[1]	1975[1]	1976[1]	1977	1978	1979	1980
Decayed, extracted, filled deciduous teeth (DEF)	–	–	–	–	–	–	–	–	3.42	3.14	2.71	2.36
Decayed	–	–	–	–	–	–	–	–	.44	.59	.81	1.91
Extracted	–	–	–	–	–	–	–	–	.17	.15	.11	.05
Filled	–	–	–	–	–	–	–	–	2.81	2.39	1.78	.39
Decayed, missing, filled permanent teeth (DMF)	7.29	6.24	5.33	4.06	3.35	2.42	1.78	1.32	.86	.52	.17	.02
Decayed	1.07	1.02	.96	.59	.55	.41	.32	.30	.29	.26	.13	.02
Missing	.24	.21	.21	.20	.17	.06	.02	.01	.00	.00	.00	.00
Filled	5.97	5.00	4.16	3.26	2.63	1.94	1.42	1.00	.57	.24	.04	.00
Total DEF plus DMF	–	–	–	–	–	–	–	–	4.30	3.67	2.89	2.38
Children with DMF of 0	5.13%	6.99%	9.35%	13.22%	16.87%	26.31%	35.99%	47.36%	60.23%	73.50%	89.93%	98.52%
Children with DEF of 0	–	–	–	–	–	–	–	–	25.03%	29.63%	37.89%	47.98%
Children with DMF plus DEF of 0	–	–	–	–	–	–	–	–	20.51%	26.43%	36.64%	47.79%
Decayed deciduous and permanent teeth	–	–	–	–	–	–	–	–	.73	.88	.95	1.93
Filled deciduous and permanent teeth	–	–	–	–	–	–	–	–	3.38	2.63	1.83	.39
Ratio filled deciduous plus permanent teeth to DMF plus DEF	–	–	–	–	–	–	–	–	.78	.71	.63	.16
Ratio missing plus extracted to filled teeth	.04	.04	.05	.06	.06	.04	.03	.04	.05	.06	.06	.14
Permanent teeth erupted and not decayed	19.96	20.84	21.18	20.36	19.41	16.77	13.41	10.98	9.38	7.29	3.73	.71
Deciduous teeth filled and redecayed	–	–	–	–	–	–	–	–	.09	.08	.06	.03
Permanent teeth filled and redecayed	.09	.08	.06	.04	.04	.02	.02	.01	.01	.00	.00	.00

[1] Dental health indices on deciduous teeth for these children and adolescents have not been reported since too high a proportion of deciduous teeth have already been shed.

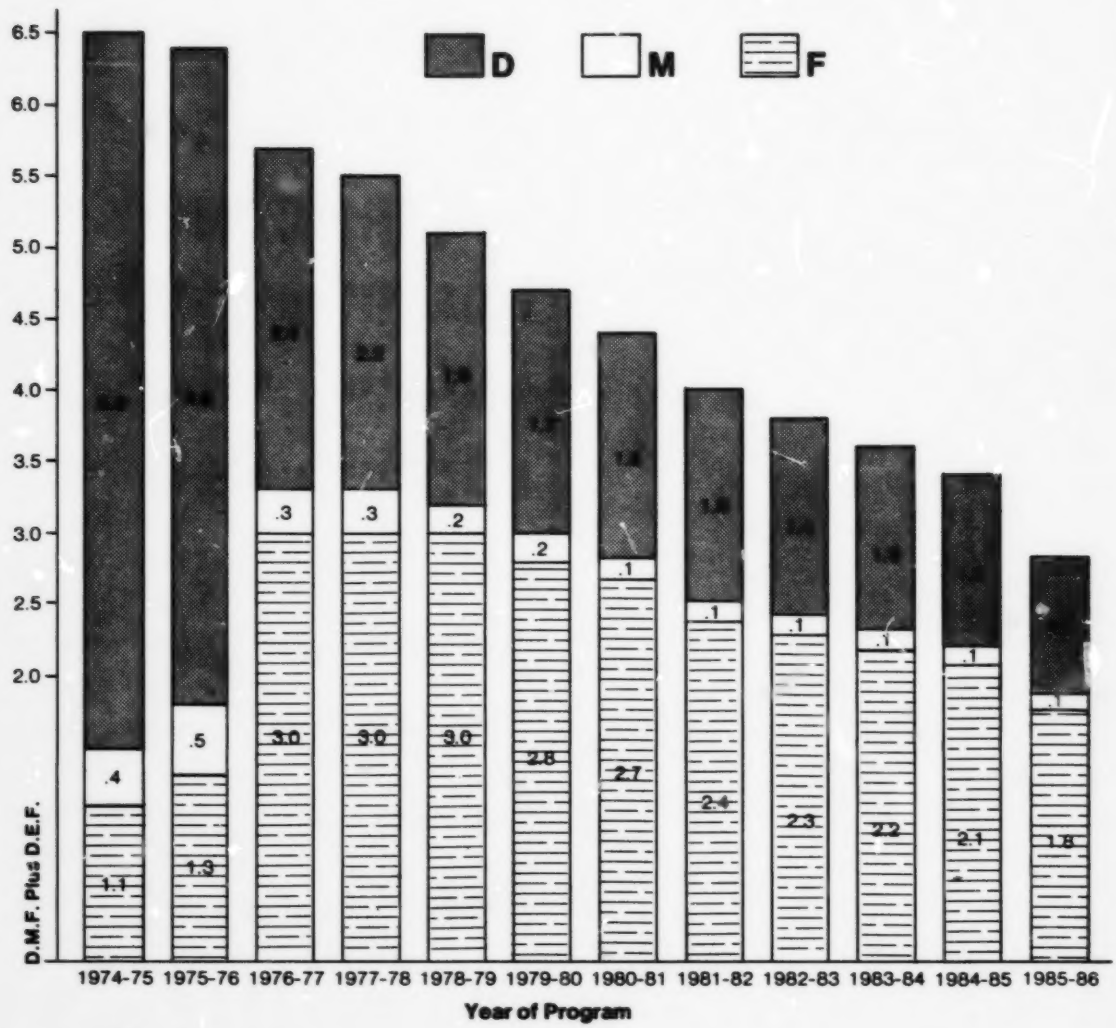
Table 4B

Progression of Decayed, Missing and Filled (DMF) Permanent Teeth by Age
1974-75 to 1985-86

Age School Year	6	7	8	9	10	11	12	13	14
1974-75	.94	–	–	–	–	–	–	–	–
1975-76	.80	1.95	–	–	–	–	–	–	–
1976-77	.72	1.81	2.71	3.10	–	–	–	–	–
1977-78	.67	1.52	2.54	3.21	3.68	–	–	–	–
1978-79	.57	1.46	2.26	3.01	3.65	4.42	5.23	–	–
1979-80	.53	1.24	2.08	2.69	3.43	4.20	5.24	6.25	–
1980-81	.38	1.17	1.80	2.47	3.07	3.94	4.96	6.25	7.32
1981-82	.32	.93	1.76	2.30	2.96	3.63	4.71	5.86	7.17
1982-83	.31	.83	1.45	2.27	2.76	3.43	4.33	5.48	7.07
1983-84	.26	.71	1.23	1.80	2.57	3.18	4.05	4.99	6.38
1984-85	.23	.61	1.08	1.55	2.14	2.94	3.67	4.61	5.78
1985-86	.17	.52	.88	1.32	1.78	2.42	3.35	4.06	5.33

Figure 6

Total D.M.F.[1] Plus D.E.F.[2] for a Six Year Old Child by Program Year



[1] Decayed, missing, filled (permanent teeth)
[2] Decayed, extracted, filled (deciduous teeth)

Services Provided to Enrolled Children and Adolescents

All services provided by the Dental Plan staff are recorded, for statistical purposes, in a data information system in addition to the customary patient service record. The volume of services provided by Dental Plan staff and private dental practitioners during the 1985-86 program year is shown, by age of patient, in Table 5. Comparisons with the volume of service provided in previous years may be made by referring to previous reports.

Table 5

Clinical Services Provided[1]
September, 1985 — August, 1986

Services	Number (By Year of Birth)												
	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	Total
Parent contacts													
In person	176	229	455	1,885	2,157	2,634	3,454	4,015	4,858	5,144	4,977	18,490	48,474
By phone	335	444	915	3,836	3,379	3,887	4,602	4,911	6,155	6,419	6,130	15,456	56,469
By letter	132	164	342	1,072	1,134	1,160	1,079	1,142	1,261	1,313	1,324	917	11,040
Diagnostic services													
Initial oral examination	8,745	8,482	8,113	349	432	405	456	511	610	835	1,417	12,804	43,159
Emergency oral examination	1	0	7	13	19	43	52	53	33	52	48	62	383
Specific oral examination	730	761	1,615	8,179	4,687	4,820	9,156	5,532	6,728	10,268	4,446	3,113	60,037
Recall examination	1,604	1,948	3,270	12,203	12,063	12,379	12,665	12,843	13,108	12,881	12,686	674	108,326
Diagnostic models	51	53	69	58	63	65	108	190	272	235	93	44	1,301
Radiographic services													
Periapical radiographs	3,253	3,002	3,065	1,214	1,239	1,302	1,431	1,476	1,633	1,568	1,025	638	20,876
Bitewing radiographs (single film)	16,423	15,216	16,324	10,734	7,109	6,384	6,718	7,650	8,759	10,220	6,371	14,904	126,812
Panoramic radiographs	3	7	8	6	5	4	4	4	4	4	0	2	51
Occlusal single	5	5	12	37	36	34	58	107	286	318	195	131	1,224
Preventive services													
Dental prophylaxis	8,628	9,509	10,514	12,763	12,189	12,606	13,209	13,451	13,566	13,047	13,021	13,007	146,512
Polish amalgam	568	617	1,081	3,609	3,170	2,913	3,073	3,547	3,949	4,037	3,614	3,686	33,864
Topical fluoride	1,162	1,363	2,554	9,538	9,276	9,521	9,958	10,331	10,672	10,664	11,052	11,514	97,605
Nutritional counsel (individual)	109	135	224	1,049	977	1,175	1,262	1,269	1,457	1,236	1,373	1,608	11,894
Oral hygiene instruction (individual)	1,315	1,606	2,956	11,357	11,049	11,417	11,983	12,303	12,627	12,400	12,669	12,824	114,506
Fissure sealant	802	1,118	3,201	17,719	19,429	14,985	9,072	6,527	9,207	16,919	15,766	3,738	118,483
Group instruction[2]	0	0	0	0	0	0	0	0	0	0	0	0	1,720
Restorative services	[illegible]												
Amalgam primary													
One surface	20	12	16	37	66	184	450	854	1,379	1,856	2,660	6,254	13,810
Two surface	18	27	41	99	226	779	2,182	4,013	5,750	7,106	7,214	14,818	42,305
Three surface	3	4	18	18	54	198	386	587	690	630	539	1,606	4,733
Four surface	0	0	0	0	5	14	26	28	36	36	23	78	246
Five surface	0	0	0	0	0	0	1	2	1	1	0	3	8
Amalgam permanent													
One surface	4,390	4,598	5,545	5,474	4,758	3,835	3,203	3,064	3,503	3,380	1,636	279	43,665
Two surface	4,605	3,903	3,823	3,293	2,379	1,812	1,482	1,207	1,155	922	368	70	25,039
Three surface	1,192	968	907	686	507	263	213	221	139	159	31	13	5,299
Four surface	198	135	126	99	82	37	38	31	23	32	4	1	806
Five surface	36	18	43	13	18	6	8	6	7	1	0	0	156
Composite restorations (white)	2,091	1,774	1,628	1,476	1,266	1,041	853	840	609	397	212	541	12,728
Retentive pins	147	88	114	35	51	34	40	47	22	15	5	7	605
Crowns													
Stainless steel	11	16	8	25	22	95	226	593	1,026	1,532	1,718	3,946	9,220
Porcelain, plastic, cast or preformed metal	261	110	96	33	38	25	27	9	7	1	0	0	607

Caries control													
Removal of decay and placement of sedative dressing	87	57	75	60	95	134	151	170	147	150	174	540	1,840
Dicing or slicing	20	19	52	120	116	129	235	423	698	674	273	106	2,661
Prosthetic services													
Full dentures	0	4	0	0	0	0	0	0	0	0	0	0	4
Partial dentures	22	21	14	11	8	9	7	4	2	2	1	1	102
Pulp therapy services													
Pulp cap	25	28	64	104	96	86	84	77	59	63	48	93	825
Root canal therapy	122	90	76	49	63	75	39	45	20	5	0	1	585
Pulpotomy	24	17	22	29	49	132	297	589	847	1,125	1,334	3,810	8,275
Periodontal services	78	94	145	321	314	290	245	244	202	140	83	17	2,143
Surgical services													
Extraction of primary teeth	523	520	875	866	1,260	1,377	1,865	1,485	1,400	1,538	1,580	1,359	15,231
Extraction of permanent teeth	21	6	11	37	37	43	58	36	26	19	11	1	296
Extraction of primary teeth for orthodontic purposes	3	14	60	351	607	932	1,095	997	1,099	1,091	675	269	7,193
Extraction of permanent teeth for orthodontic purposes	7	11	50	243	280	253	188	81	25	19	5	2	1,164
Removal of residual roots (soft tissue coverage)	46	31	10	8	5	6	10	4	12	7	12	6	159
Open and drainage of tooth	10	7	5	5	9	5	7	17	24	16	11	24	140
Surgical exposure of unerupted tooth	1	0	0	13	7	14	13	6	6	4	0	0	64
Removal of tooth (specialist)	30	36	27	16	14	35	45	25	48	12	5	4	297
Other surgical services (specialist)	149	126	64	51	41	52	50	32	47	22	14	7	655
Traumatically displaced teeth	11	8	11	9	11	8	15	20	10	2	3	0	108
Palliative services	183	135	104	44	41	57	67	63	73	77	53	63	965
Space maintainers and minor orthodontic services													
Unilateral space maintainer	2	5	3	7	9	14	26	72	225	408	439	548	1,758
Bilateral space maintainer	2	0	2	2	11	22	54	74	63	79	44	20	373
Tooth movement and space regaining	14	7	18	23	34	25	94	119	166	116	23	2	631
Observation/adjustment of active appliance	7	2	35	99	151	153	286	438	603	319	73	15	2,181
Removal/re-cement of fixed appliance	2	1	6	11	27	53	71	92	110	75	36	9	493
Occlusal adjustment	0	1	4	6	9	3	4	2	5	1	4	4	43
Number of children seen one or more times	10,601	10,674	11,556	12,997	12,853	13,169	13,517	13,780	14,163	14,022	14,364	13,780	155,476
Percent of children seen one or more times	77.27	77.90	84.21	96.81	97.36	97.92	97.80	97.86	98.03	98.12	98.27	97.34	93.30

[1] Includes services to enrolled registered Indians.

[2] Group instruction on dental health was provided to children in 1,720 classrooms. Individual records were not maintained by year of birth.

Referred and Emergency Services

The costs of services provided by private practitioners to children and adolescents enrolled in the Dental Plan are covered in three areas: referred services, emergency services and services provided in the adolescent dental program.

Referrals for children and adolescents to private practitioners are of two types. A general referral is given to a patient when the examining dentist feels that the management of the patient is beyond the capability of the dental therapist. Into the category of patient management fall individuals with such problems as mental or physical handicaps and medical or emotional problems. Dental Plan dentists are qualified to deal with such situations, but intensive treatment of special cases is not their primary role in the Plan. Rather, their role is to examine all enrolled children and to supervise the treatment. It is therefore considered preferable to refer children requiring extensive management to a private practitioner, who can devote more time to them and provide more intensive care.

Enrolled children and adolescents are also given referrals to private practitioners for specific dental problems beyond the capability of the dental therapist. Into this category fall such services as treatment of minor orthodontic problems and extensive surgical procedures.

Private practitioners also provide emergency services to enrolled children and adolescents. Emergency services are defined as the relief of pain, treatment of infections, or control of haemorrhage. In emergency cases, the patient does not need to be referred by a Dental Plan dentist in order for service costs to be covered.

In addition, in 1985-86 eleven private practitioners provided dental care to enrolled children and adolescents on a contract basis.

The following table outlines the types and costs of referred and emergency services provided by private practitioners to children and adolescents enrolled in the Saskatchewan Dental Plan in 1985-86.

Table 6

Referred and Emergency Services Provided by Private Practice Dentists to Children and Adolescents Enrolled in the Dental Plan[1]

September, 1985 — August, 1986

	Referred		Emergency		Total	
Type of Service	**No.**	**Cost($)**	**No.**	**Cost($)**	**No.**	**Cost($)**
Total	11,476	309,316.17	3,286	76,537.93	14,762	417,074.11
Initial oral examination	1,029	15,351.91	5	74.75	1,034	15,426.66
Specific oral examination	356	5,793.20	4	65.40	360	5,858.60
Diagnostic models	39	707.70	0	0.00	39	707.70
Periapical x-rays	871	7,555.10	761	7,512.31	1,632	15,067.41
Bitewing x-rays	848	6,031.10	38	331.85	886	6,362.95
Panoramic x-rays	38	995.00	0	0.00	38	995.00
Topical fluoride and dental prophylaxis	1,071	18,304.25	2	31.80	1,073	18,336.05
Oral hygiene instruction (individual)	183	2,192.08	0	0.00	183	2,192.08
Amalgam restorations	1,796	44,940.69	161	4,291.90	1,957	49,232.59
Composite restorations	353	14,662.55	294	14,481.80	647	29,144.35
Stainless steel crowns	223	9,012.55	43	1,744.30	266	10,756.85
Crowns — porcelain, plastic, cast or preformed metal	160	21,933.93	18	1,766.75	178	23,700.68
Caries control — removal of decay, place sedative dressing	37	275.65	28	208.60	65	484.25
Full or partial dentures	24	3,489.75	3	558.94	27	4,048.69
Repositioning traumatically displaced teeth	22	894.78	53	2,604.00	75	3,498.78
Root canal therapy	198	34,297.79	48	8,391.95	246	42,689.74
Pulpotomy	257	7,259.85	108	3,177.25	365	10,437.10
Removal of erupted teeth	1,625	33,838.17	561	12,368.30	2,186	46,206.47
Surgical removal of tooth (specialist)	208	5,709.70	3	115.00	211	5,824.70
Other surgical services (specialist)	272	28,062.33	2	202.65	274	28,264.98
Unilateral space maintainer	67	4,000.05	4	204.00	71	4,204.05
Bilateral space maintainer	76	8,166.80	0	0.00	76	8,166.80
Tooth movement and space regaining	94	11,314.39	1	125.90	95	11,440.29
Observation orthodontics	201	2,202.15	3	32.85	204	2,235.00
Other miscellaneous services	1,428	22,324.70	1,146	18,247.63	2,574	40,572.33
Other services unidentified	—	—	—	—	—	31,220.01

[1] In addition to the above expenditures, the following costs were incurred:

$2,648,099.00 in capitation payments were made to the College of Dental Surgeons for services provided to 25,243 adolescents who received routine dental care from private practice dentists;

Therefore expenditures amount to $3,065,173.11 for private practitioners paid on a fee for service basis (See Statement 1).

Expenditures

In a review of the following financial statements, certain points should be noted:

1. The financial statements reflect all expenditures incurred directly by the Dental Plan. The statements include certain expenditures which apply to activities other than the provision of dental care to enrolled persons. However, costs related to the Dental Plan which were incurred by other agencies are excluded.
2. Revenue from Dental Plan activities is not applied to offset expenditures. Total revenue of $1,891,666.42 realized during the year includes:

(a) Department of National Health and Welfare — enrolled Indian children and adolescents	$ 692,100.57
(b) Department of National Health and Welfare — Canada Assistance Plan	$1,184,088.47
(c) Province of Alberta — preventive services in Lloydminster	$ 12,570.00
(d) Other miscellaneous and casual revenues	$ 2,907.38

Statement 1
Statement of Payments — Operating Expenses

	September 1, 1984 to August 31, 1985	September 1, 1985 to August 31, 1986
Administration (Regina Central Office)		
Salaries and honoraria	$ 610,670.73	$ 604,235.11
Travel	15,076.28	10,803.83
Public information and advertising	2,132.33	957.17
Professional dues and staff training	2,220.00	1,545.00
Office expenses	91,085.37	40,563.56
Other expenses	362,040.59	363,920.69
Sub total	$ 1,083,225.30	$ 1,022,025.36
Dental Plan Program Expenses		
Salaries	$ 9,139,412.66	$ 9,221,084.09
Travel	687,780.59	678,223.19
Public information and advertising	33.06	342.14
Professional dues and staff training	33,967.41	34,716.96
Office expenses	215,983.40	330,689.38
Private practitioners-fee for service	3,033,948.90	3,065,173.11
Private practitioners-on contract	95,742.69	187,394.22
Laboratory supplies and services	58,633.36	48,634.20
Dental supplies	689,717.23	390,037.51
Repairs	49,802.28	47,752.70
Taxes and licences	19,774.46	16,649.98
Grants and contributions	14,400.00	6,800.00
Others expenses	94,957.45	105,773.18
Sub total	$14,134,153.49	$14,133,270.66
Total operating expenditure	$15,217,378.79	$15,155,296.02
Capital equipment purchases	23,965.74	3,752.15
Total expenditure	$15,241,344.53	$15,159,048.17
Supplementary Health Dental Benefits — Program Expenses		
Salaries and honoraria	$ 75,465.32	$ 96,680.31
Travel	246.84	0.00
Office expenses	1,298.45	1,772.42
Private practitioners-fee for service	2,355,624.01	2,720,282.78
Private practitioners-on contract (correctional centres)	27,792.00	25,793.75
Other expenses	51,726.83	48,251.70
Total expenditure	$ 2,512,153.45	$ 2,892,780.96
Total of all expenditures	$17,753,497.98	$18,051,829.13

Statement 2

Expenditure Statement Reconciliation to Public Accounts[1]

	Public Accounts	Program Year
Expenditure Sept. 1/83 — March 31/84	not applicable[2]	$11,076,236.68
Expenditure April 1/84 — August 31/84	$ 6,749,792.70	6,749,792.70
Total Expenditure 1983-84 Program Year		$17,826,029.38
Expenditure Sept. 1/84 — March 31/85	11,103,622.47	$11,103,622.47
Public Accounts 1984-85	$17,853,415.17	
Expenditure April 1/85 — August 31/85	$ 6,649,875.51	6,649,875.51
Total Expenditure 1984-85 Program Year		$17,753,497.98
Expenditure Sept. 1/85 — March 31/86	11,228,094.72	$11,228,094.72
Public Accounts 1985-86	$17,877,970.23	
Expenditure April 1/86 — August 31/86	6,823,734.41[3]	6,823,734.41[3]
Total Expenditure 1985-86 Program Year		$18,051,829.13

[1] This reconciliation is included because the Saskatchewan Dental Plan operates on a school year (begins September 1) rather than on the Government fiscal year (begins April 1).

[2] The figures for this period apply to the fiscal year 1983-84 and have been reported in previous reports. The figure is not reported here to avoid confusion.

[3] These figures, obtained from the Department of Finance monthly expenditure statements relating to the Saskatchewan Dental Plan, will be included in the Public Accounts for the 1986-87 fiscal year.

Statement 3

Adjustment to Cash Expenditure Statements Shown in Statement 1 to Determine Actual Cost of Services Rendered to Enrolled Children and Adolescents

	Program Year September 1/84 - August 31/85		Program Year September 1/85 - August 31/86	
Total Operating Expenditure (from statement 1)		$15,217,378.79		$15,155,296.02
Add dental supplies opening inventory	$407,161.96		$431,893.86	
Less dental supplies closing inventory	(431,893.86)		(361,913.38)	
Add repair parts opening inventory	32,229.15		57,543.40	
Less repair parts closing inventory	(57,543.40)		(55,740.19)	
Less grant paid to the College of Dental Surgeons of Saskatchewan for the Summer Dental Externship Program[1]	(14,400.00)		(6,800.00)	
Less cost of providing certain dental services to Lloydminster, Alberta[2]	(10,569.58)		(11,789.68)	
Sub total		$15,142,363.06		$15,208,490.03
Add depreciation		122,276.79		104,498.09[3]
Add amortization		16,784.32		13,427.46[4]
Actual cost of services		$15,281,424.17		$15,326,415.58
Number of enrolled children and adolescents		165,101		166,634
Average cost per enrolled child[5]		$ 92.56		$ 91.98

[1] Grant for students in the College of Dentistry, University of Saskatchewan, serving a dental externship with private practice dentists in rural Saskatchewan.

[2] Costs incurred for providing certain dental health education and preventive services to children resident in Alberta, who attend school in Lloydminster, under an agreement with the Province of Alberta.

[3] Opening inventory of depreciated fixed assets ($815,178.60 - $122,276.79) $ 692,901.81
Add purchase during year 3,752.15
Undepreciated fixed assets $ 696,653.96
Depreciation calculated at 15% of undepreciated value of fixed assets $ 104,498.09

[4] Costs incurred for rewrite of the data processing system ($83,921.60 - $16,784.32) $ 67,137.28
Add costs incurred during year 0.00
Unamortized value of system $ 67,137.28
Amortization calculated at 20% of unamortized value of system $ 13,427.46

[5] Calculated by dividing the actual cost of services by the number of children and adolescents enrolled.

Note: The Department of Education covers the cost of establishing health clinics in schools. These expenditures are capital in nature and should be amortized over the life of the facility.
Opening inventory of approved dental clinics ($3,775,880.75 - $188,794.04) $ 3,587,086.71
Add approved dental clinics from September 1/85 to August 31/86 313,571.00
Undepreciated dental clinics $ 3,900,657.71
Depreciation calculated at 5% of undepreciated value of dental clinics $ 195,032.89

This would represent an average cost per enrolled child of: $\frac{\$195,032.89}{166,634} = \$1.17$

Appendix 1

Established Dental Clinics by Dental Region and Location

Swift Current Dental Region

Location	School
Abbey	Abbey School
Burstall	Burstall School
Cabri	Cabri Elementary
Central Butte	Central Butte Elementary
Chaplin	Chaplin Elementary
Climax	Climax Elementary
Consul	Consul School
Dinsmore	Dinsmore School
Eastend	Eastend School
Elrose	Elrose School
Eston	Eston Elementary
Fox Valley	Fox Valley School
Frontier	Frontier School
Gravelbourg	Gravelbourg Elementary
Gull Lake	Gull Lake Elementary
Herbert	Herbert Elementary
Hodgeville	Hodgeville Elementary
Kincaid	Kincaid School
Kyle	Kyle School
Lafleche	Lafleche School
Lancer	Lancer Elementary
Leader	Leader Elementary
Mankota	Mankota School
Maple Creek	Jasper Street Elementary
	Sidney Street Elementary
Morse	Morse School
Ponteix	Ponteix Elementary
Richmound	Richmound School
Shaunavon	Christ the King School
	Shaunavon Public School
Swift Current	Ashley Park Elementary
	Central Elementary
	Dickson Elementary
	Fairview Elementary
	James O. Begg Elementary
	Kinsman/Oman Elementary
Val Marie	Val Marie School
Vanguard	Vanguard Elementary
Wymark	Wymark Elementary

Total Clinics for 1985-86 39

Regina Dental Region

Location	School
Abernethy	Abernethy Elementary
Assiniboia	Assiniboia Jr. High
Avonlea	Avonlea Elementary
Balcarres	Balcarres School
Balgonie	Balgonie Elementary
Bengough	Bengough School
Bethune	Bethune School
Briercrest	Briercrest School
Brownlee	Brownlee School
Bulyea	Bulyea School
Caronport	Caronport Elementary
Ceylon	Ceylon Elementary
Coderre	Coderre School
Coronach	Coronach School
Crane Valley	Crane Valley School
Creelman	Creelman Elementary
Cupar	Cupar Elementary
Dysart	Dysart School
Earl Grey	Earl Grey School
Edenwold	Edenwold Elementary
Fillmore	Fillmore School
Fort Qu'Appelle	Fort Qu'Appelle Elementary
Francis	Francis School
Gladmar	Gladmar High
Glenavon	Glenavon School
Goodwater	Goodwater Elementary
Govan	Govan Elementary
Grand Coulee	Grand Coulee School
Indian Head	Indian Head Elementary
Kelliher	Kelliher School
Lajord	Lajord Hutterite Elementary
Lake Alma	Lake Alma Elementary
Lang	Lang Elementary
Lebret	Qu'Appelle Residential School
Lestock	Lestock High
Limerick	Limerick Elementary
Lipton	Lipton Elementary
Lumsden	Arm River Hutterite Elementary
	Lumsden Elementary
McLean	McLean School
Marquis	St. Mark Separate Elementary
Midale	Midale School
Milestone	Milestone Elementary
Minton	Minton Elementary
Montmartre	Montmartre School
Moose Jaw	Alexander Elementary
	Bushell Park School
	Empire Elementary
	King Edward Elementary
	King George Elementary
	Lindale School
	Palliser Heights Elementary
	Prince Arthur Elementary
	Ross Elementary
	Sacred Heart Elementary
	St. Agnes Elementary

Regina Dental Region (continued)

Location	School
	St. Margaret School
	St. Michael Elementary
	Westmount Elementary
	William Grayson Elementary
	Moose Jaw District Office
Mortlach	Mortlach School
Mossbank	Mossbank Health Clinic
Odessa	Odessa School
Ogema	Ogema School
Pangman	Pangman Elementary
Pilot Butte	Pilot Butte Elementary
Punnichy	Punnichy Elementary
	Punnichy High
Quinton	Quinton Elementary
Radville	Radville Elementary
	St. Olivier Elementary
Raymore	Raymore School
Regina	Albert Elementary
	Argyle Elementary
	Athabasca Elementary
	Benson Elementary
	Birchwood Elementary
	Judge Bryant Elementary
	Centennial Elementary
	M. J. Coldwell Elementary
	Coronation Park Elementary
	Deshaye Separate Elementary
	Dieppe Elementary
	Ecole Monseigneur De Laval Elementary
	Elsie Dorsey Elementary
	Dover Elementary
	W. H. Ford Elementary
	Grant Road Elementary
	Dr. Hanna Elementary
	W. C. How Elementary
	Wilfred Hunt Elementary
	Imperial Elementary
	Henry Janzen Elementary
	Kitchener Elementary
	George Lee Elementary
	Gladys McDonald School
	MacNeill Elementary
	McLurg Elementary
	McNabb Elementary
	Marion McVeety Elementary
	Ethel Milliken Elementary
	Ruth Pawson Elementary
	Dr. A. E. Perry Elementary
	Al Picard School
	W. F. Ready School
	Regent Park Elementary
	Rosemont Elementary
	St. Anne Elementary
	St. Augustine Separate Elementary
	St. Bernadette Separate Elementary
	St. Dominic Savio Elementary
	St. Francis Separate Elementary
	St. Gregory Separate Elementary
	St. Jerome Separate Elementary
	St. Joan of Arc Separate Elementary
	St. John Separate Elementary
	St. Josaphat Separate Elementary
	St. Leo Separate Elementary
	St. Luke Separate Elementary
	St. Mary Separate Elementary
	St. Matthew Separate Elementary
	St. Patrick Separate Elementary
	St. Peter Separate Elementary
	St. Philip Separate Elementary
	St. Pius X Separate Elementary
	St. Timothy Separate Elementary
	Sherwood Elementary
	St. Marguerite Bourgeoys School
	Walker Elementary
	Wilfrid Walker Elementary
	Wascana Elementary
	Wascana Institute
	Maranatha Christian Centre
	Campbell Collegiate
	Robert Usher Collegiate
	Wascana Hospital
Rockglen	Rockglen Elementary
Rouleau	Rouleau Elementary
Sedley	Sedley Elementary
Semans	Semans Elementary
Sintaluta	Sintaluta Elementary
Southey	Southey School
Spring Valley	Artesian School
Strasbourg	Strasbourg Elementary
Vibank	Vibank Elementary
Weyburn	Elgin Elementary
	Haig Elementary
	Queen Elizabeth Elementary
	St. Dominic Savio Elementary
	St. Michael Junior High
	Souris School
	Weyburn Jr. High
White City	White City School
Wilcox	Notre Dame School
Willow Bunch	Willow Bunch Elementary
Windthorst	Windthorst School
Wolseley	Dr. Isman Elementary
Wood Mountain	Wood Mountain School
Yellow Grass	Yellow Grass Elementary
Total Clinics for 1985-86	160

Saskatoon Dental Region

Location	School
Aberdeen	Aberdeen Elementary
Allan	Allan School
Annaheim	Annaheim School
Asquith	Asquith School
Beechy	Beechy School
Bellevue	St. Isidore de Bellevue
Borden	Borden School
Bruno	Bruno School
Carmel	Carmel School
Clavet	Clavet School
Colonsay	Colonsay School
Conquest	Conquest School
Craik	Craik School
Cudworth	Cudworth School
Dalmeny	Dalmeny School
Davidson	Davidson School
Delisle	Delisle Elementary
Domremy	Domremy School
Drake	Drake Elementary
Duck Lake	Beardy's Day School
	Beardy's School
	Stobart Elementary
Dundurn	Dundurn Elementary
	Hillcrest Hutterite School
Elbow	Elbow Elementary
Englefeld	Englefeld School
Guernsey	J. Eldon Bergey Elementary
Hague	Prince Philip Elementary
Hanley	Hanley School
Hepburn	Hepburn School
Holdfast	Holdfast School
Humboldt	Humboldt Elementary
	St. Augustine Elementary
	St. Dominic Elementary
Imperial	Imperial School
Kenaston	Kenaston School
Laird	Laird Elementary
Lake Lenore	Lake Lenore School
Langham	Langham Elementary
	Langham High
Lanigan	Lanigan Elementary
Leroy	Leroy Medical Health Centre
Loreburn	Loreburn Central High
Lucky Lake	Lucky Lake School
Martensville	Martensville Elementary
	Martensville High School
Middle Lake	Middle Lake School
Muenster	Muenster School
Nokomis	Nokomis School
Osler	R. J. Davidson Elementary
	Valley Christian Academy
Outlook	Outlook Elementary
Perdue	Perdue School
Pilger	Pilger School
Prud'Homme	Prud'Homme School
Radisson	Radisson School
Rosthern	Rosthern Elementary
Saskatoon	Alvin Buckwold Elementary
	Bishop Klein Elementary
	Bishop Pocock Elementary
	Bishop Roborecki Elementary
	Brevoort Park Elementary
	Brownell Elementary
	Buena Vista Elementary
	Cardinal Leger Elementary
	Caroline Robins Elementary
	Caswell Elementary
	Children's Rehabilitation Centre
	Christian Centre Academy
	City Park Collegiate
	College Park Elementary
	Confederation Park Elementary
	Fairhaven Elementary
	Father Vachon Elementary
	French School
	George Vanier Elementary
	Greystone Heights Elementary
	Grosvenor Park Elementary
	Haultain Elementary
	Henry Kelsey Elementary
	Holliston Elementary
	Holy Family Elementary
	Howard Coad Elementary
	Hugh Cairns Elementary
	John Lake Elementary
	King George Elementary
	Lakeview Elementary
	Lawson Heights Elementary
	L'Ecole Canadienne Francaise
	Lester B. Pearson Elementary
	Mayfair Elementary
	Montgomery Elementary
	Native Survival School
	North Park Elementary
	Pleasant Hill Elementary
	Prince Philip Elementary
	Princess Alexandra Elementary
	Queen Elizabeth Elementary
	River Heights Elementary
	Roland Michener Elementary
	St. Anne Elementary
	St. Augustine Elementary
	St. Bernard Elementary
	St. Dominic Elementary
	St. Edward Elementary
	St. Francis Elementary
	St. George Elementary
	St. Gerard Elementary
	St. Goretti Elementary
	St. James Elementary
	St. John Elementary
	St. Mark Elementary
	St. Mary Elementary
	St. Matthew Elementary
	St. Michael Elementary
	St. Paul Elementary
	St. Peter Elementary
	St. Philip Elementary
	St. Thomas Elementary
	School for the Deaf
	Silverwood Elementary
	Sister O'Brien Elementary
	South Corman Park Elementary
	Sutherland Elementary

Saskatoon Dental Region (continued)

Location	School
	Victoria Elementary
	Vincent Massey Elementary
	Westmount Elementary
	Wildwood Elementary
	Wilson Elementary
	W. P. Bates Elementary
St. Benedict	St. Benedict School
St. Brieux	St. Brieux School
St. Louis	St. Louis School
Spalding	Spalding School
Strongfield	Strongfield Elementary
Swanson	Swanson Christian School
Vanscoy	Vanscoy Elementary
Viscount	Viscount Elementary
Vonda	Vonda Elementary
Wakaw	Wakaw School
Waldheim	Waldheim School
Warman	Warman Elementary
	Warman High
Watrous	Watrous Elementary
Watson	Watson Elementary
	Watson High
Young	McClellan School
Total Clinics for 1985-86	147

Yorkton Dental Region

Location	School
Alida	Alida School
Archerwill	Archerwill School
Arcola	Arcola School
Arran	Arran School
Bellegarde	Bellegarde School
Benson	Benson School
Bienfait	Bienfait School
Bredenbury	Bredenbury School
Broadview	M. B. Cope Elementary
Buchanan	Buchanan School
Canora	Canora Junior Elementary
	Canora Senior Elementary
Carlyle	Carlyle School
Carnduff	Carnduff Elementary
Carragana	Carragana Elementary
Churchbridge	Churchbridge Elementary
Corning	Corning School
Dubuc	Dubuc Elementary
Ebenezer	Ebenezer Elementary
Esterhazy	P. J. Gillian School
	Esterhazy Central
Estevan	Estevan Junior High School
	Hillcrest Elementary
	Hillside Elementary
	Immaculate Heart Junior High
	Pleasantdale Elementary
	Sacred Heart School
	St. Mary School
	Scotsburn School
	Westview School
Endeavour	Endeavour Elementary
Foam Lake	Foam Lake Elementary
	Foam Lake Composite High
Frobisher	Frobisher Elementary
Gainsborough	Gainsborough School
Grayson	Grayson School
Grenfell	Grenfell Elementary
Hudson Bay	Blake Beattie Elementary
	Stewart Hawke Elementary
Invermay	Invermay Elementary
Ituna	Ituna School
Kamsack	Victoria Elementary
	Kamsack Jr. High
Kelvington	Robert Melrose Elementary
Killaly	Killaly School
Kipling	Kipling School
Lampman	Lampman School
Langbank	Langbank School
Langenburg	Hoffman Elementary
	Parkside Elementary
Lemberg	Lemberg School
Lintlaw	Lintlaw Okla School
MacNutt	MacNutt School
Macoun	Macoun School
Manor	Manor School
Maryfield	Maryfield School
Margo	Margo School
Melville	Melville Comprehensive
	Miller Elementary
	St. Henry Elementary
Moosomin	Churchill School
Neudorf	Neudorf Elementary
Norquay	Norquay Elementary
	Norquay High
Oxbow	Oxbow Elementary
	Oxbow Prairie Heights
Pelly	Fort Livingstone School
Porcupine Plain	Porcupine Plain Elementary
Prairie River	Prairie River School
Preeceville	Preeceville School
Quill Lake	Quill Lake Elementary
	Quill Lake High School
Rama	Rama School
Redvers	Redvers School
Rocanville	Rocanville School
Rose Valley	Rose Valley School
Saltcoats	Saltcoats Elementary
	Countryside Mennonite School
Sheho	Sheho School
Springside	Springside Elementary
Stockholm	Stockholm School
Storthoaks	St. Thomas School

Yorkton Dental Region (continued)

Location	School
Stoughton	Stoughton School
Sturgis	Sturgis Elementary
	Sturgis Composite High
Tantallon	Tantallon School
Theodore	Theodore School
Torquay	Torquay School
Wadena	Wadena Elementary
	Wadena Composite High
Wapella	Wapella School
Wawota	Wawota School
Weekes	Weekes School
Whitewood	Whitewood School
Willowbrook	Willowbrook Elementary
Wishart	Wishart School
Wynyard	Wynyard Elementary
	Wynyard Composite High
Yorkton	Angus Spice Elementary
	Columbia Elementary
	Dr. Brass Elementary
	St. Alphonsus Elementary
	St. Joseph's Junior High
	St. Mary Elementary
	St. Paul Elementary
	Simpson Elementary
	Yorkdale Junior High

Total Clinics 1985-86 107

Prince Albert Dental Region

Location	School
Albertville	Albertville Elementary
Arborfield	Arborfield School
Big River	T. D. Michel Elementary
Birch Hills	Birch Hills School
Bjorkdale	Bjorkdale School
Canwood	Canwood Elementary
Carrot River	Carrot River Elementary
Christopher Lake	Christopher Lake School
Codette	Codette Elementary
Crystal Springs	Dixon Lake School
Debden	Debden School
Garrick	Garrick Elementary
Gronlid	Gronlid School
Kinistino	Kinistino Elementary
MacDowall	MacDowall Elementary
Meath Park	Meath Park School
Melfort	Brunswick Elementary
	Burke Elementary
	Melfort and Unit Comprehensive Collegiate
	Reynolds Central Elementary
Mistatim	Mistatim School
Naicam	Naicam School
Nipawin	Alex Wright Elementary
	L. P. Miller Comprehensive School
	Wagner Elementary
Paddockwood	Paddockwood Elementary
Pleasantdale	Pleasantdale School
Prince Albert	Boucher Junior High
	W. J. Berezowsky Elementary
	John Diefenbaker Elementary
	King George Elementary
	Queen Mary School
	St. Mark's Elementary
	Vickers Elementary
	Wesmor Junior High
Prince Albert Rural	Osborne Elementary
	Prince Albert East Central Elementary
	Prince Albert West Central Elementary
	Red Wing Elementary
Ridgedale	Ridgedale School
Shellbrook	Shellbrook Elementary
	Shellbrook Primary
Shell Lake	Shell Lake School
Smeaton	Smeaton School
Spruce Home	Spruce Home Central Elementary
Star City	Star City School
Tisdale	Centennial Junior High
	Tisdale Elementary
Weldon	Weldon School
White Fox	White Fox School
Wild Rose	Wild Rose Central Elementary
Yellow Creek	Yellow Creek School
Zenon Park	Zenon Park School

Total Clinics for 1985-86 53

North Battleford Dental Region

Location	School
Alsask	Jonn A. Silver DND School
Battleford	Battleford Central School
	Battleford Junior High
	St. Vital Elementary
Biggar	Nova Wood Elementary
	St. Gabriel's Separate School
Blaine Lake	Blaine Lake Composite
Cando	Cando School
Cochin	Cochin Elementary
Cut Knife	Cut Knife Elementary
Denzil	Denzil Elementary
Dodsland	Dodsland Elementary
Dorintosh	Dorintosh Elementary
Eatonia	Eaton School
Edam	H. Hardcastle School
Glaslyn	Glaslyn School
Goodsoil	Goodsoil Central School
Green Lake	St. Pascal School
Hafford	Hafford School
Harris	Harris-Tessier School
Hillmond	Hillmond Central School
Kerrobert	Mary Rodney Elementary
Kindersley	Kindersley School Unit Office
Landis	Landis School
Lashburn	J. H. Moore Elementary
Leask	Leask School
Leoville	Leoville School
Livelong	Livelong Elementary
Lloydminster	E. S. Laird School
	Father Gorman Elementary
	Neville Goss Elementary
	Winston Churchill Elementary
Lone Rock	Lone Rock Elementary
Loon Lake	Ernie Studer School
Luseland	W. S. Patterson Elementary
Macklin	Macklin Elementary
Maidstone	Ratushniak Elementary
Makwa	Makwa School
Marcelin	Marcelin School
Marengo	Westcliffe School
Marsden	Marsden Elementary
Marshall	Marshall Elementary
Mayfair	Mayfair School
Maymont	Maymont Central School
Meadow Lake	Jubilee Elementary
	Lakeview Elementary
Medstead	Medstead School
Milden	Milden Central School
Neilburg	Neilburg Composite School
North Battleford	Alexander Junior High School
	Connaught School
	Bready Elementary
	Lawrence Elementary
	McKitrick Elementary
	Notre Dame Elementary
	St. Joseph Elementary
Paradise Hill	Paradise Hill Elementary
Paynton	Paynton School
Pierceland	Pierceland School
Plenty	North-West Central High
Rabbit Lake	Rabbit Lake Elementary
Rosetown	Rosetown Division III
	Walter Aseltine Elementary
St. Walburg	St. Walburg Public High
Sonningdale	Sonningdale School
Spiritwood	Hartley Clark Elementary
Tramping Lake	Tramping Lake School
Turtleford	Turtleford School
Unity	St. Peter Elementary
	Unity Elementary
Wilkie	Norman Carter Elementary
	St. George Separate School

Total Clinics for 1985-86 72

Total Number of Clinics — All Regions 578

Appendix 2

Supplementary Health Dental Benefits

The cost of services provided by private dental practitioners to persons covered by the Supplementary Health Dental Benefits program for social assistance recipients is administered by the Dental Plan.

The following table outlines the costs and types of dental services provided by private practitioners to individuals covered by this program in 1985-1986.

	Sept. 1/85 - Aug. 31/86	
Service	**Number of Services**	**Cost**
Dentist Services:		
Examination — standard	8,869	$ 132,403.37
Examination — prosthodontic	301	3,055.15
Periapical x-ray — one film	3,228	33,542.96
Periapical x-ray — two films	1,564	22,119.75
Periapical x-ray — three films	290	5,660.80
Periapical x-ray — four films	320	7,763.30
Periapical x-ray — five or more	55	1,625.40
Occlusal x-ray — one film	16	241.60
Bitewing x-ray — one film	90	935.75
Bitewing x-ray — two films	4,682	66,433.55
X-ray — full mouth series	26	1,428.90
Study model	8	136.13
Prophylaxis — child under 5	179	3,248.85
Scaling and polishing — patient 17 or over	5,875	210,691.62
Topical fluoride — child under 5	147	1,337.70
Toothbrush instruction — child under 5	72	867.60
Caries control	323	2,406.35
Fixed unilateral space maintainer	10	639.50
Amalgam filling — primary one surface	458	7,533.60
Amalgam filling — primary two surface	294	7,531.90
Amalgam filling — primary three or more	118	3,667.40
Amalgam filling — permanent one surface	5,294	111,470.20
Amalgam filling — permanent two surface	5,949	183,458.15
Amalgam filling — permanent three or more	3,843	170,959.10
Restoration of cusps	562	5,558.30
Pins for restorations	712	5,076.60
Additional pins	293	1,048.10
Composite resin restoration — class V	1,747	38,875.50
Composite resin restoration — class III	2,756	61,310.95
Composite resin restoration — class IV	1,243	51,834.70
Composite resin restoration — double class IV	556	35,815.75
Acrylic crowns	183	38,628.25
Stainless steel crowns — primary tooth	228	9,116.54
Stainless steel crowns — permanent tooth	82	3,574.30
Recement crown	64	1,302.40
Preformed metal post and core	118	5,082.50
Pulpotomy — permanent anterior	56	2,340.00
Pulpotomy — permanent posterior	99	3,923.10
Pulpotomy — primary	211	5,317.20
Root canal	306	53,507.32
Trephination	82	820.00
Repositioning of traumatically displaced teeth	15	763.20
Occlusal adjustment	31	733.15
Complete upper denture	736	127,849.60

Appendix 2 (continued)

Service	Sept. 1/85 - Aug. 31/86 Number of Services	Cost
Dentist Services: (continued)		
Complete lower denture	427	$ 74,181.45
Partial denture without clasps	61	6,825.00
Partial upper with clasps	326	35,793.64
Partial lower with clasps	275	30,177.98
Cast partial — upper	2	324.30
Cast partial — lower	0	0.00
Repair upper denture — no impression	215	5,986.65
Repair lower denture — no impression	43	1,257.50
Repair upper denture — with impression	222	10,653.85
Repair lower denture — with impression	91	4,300.30
Add tooth to denture	318	2,644.25
Reline, self curing — upper	46	2,697.90
Reline, self curing — lower	37	2,170.05
Reline, processed — upper	262	16,245.60
Reline, processed — lower	149	9,210.60
Rebase — upper	16	989.60
Rebase — lower	17	1,051.45
Denture adjustment	278	3,696.93
Tissue conditioning	3	36.35
Bridge repair — replace facing	1	37.35
Bridge repair — recement facing	1	15.60
Recement bridge	7	140.35
Tooth extraction	6,600	149,126.49
Each additional extraction	5,460	61,713.15
Oral surgery	576	31,590.24
Minor orthodontia	6	65.70
Recement fixed appliance	0	0.00
Removable acrylic appliance	0	0.00
Fixed appliance	0	0.00
Emergency palliative care	1,210	18,260.80
Non-specialist hourly fee	20	2,764.26
Hospital visit	202	4,524.80
Additional hospital visit	24	296.40
Emergency call back	44	980.40
Specialist Dental Services:		
Initial examination — oral surgery	209	5,141.40
Panoramic radiograph	133	3,460.50
Removal of tooth — uncomplicated	226	6,447.80
Removal of tooth — uncomplicated each additional	615	11,746.50
Complicated surgery involving flap	70	4,031.10
Soft tissue impaction	61	4,089.60
Unerupted impaction	73	6,372.90
Unerupted impaction — unusual position	135	15,572.25
Root removal — soft tissue coverage	12	691.20
Root removal — bone coverage	5	384.00
Hospital visits	22	467.60
Specialist hourly fee	6	2,026.54
Major orthodontia — initial examination	212	3,808.40
Major orthodontia — analysis and consultation	142	14,979.20
Major orthodontia — initial fee	89	27,699.80
Major orthodontia — monthly maintenance	1,591	95,486.85
Major orthodontia — retainer fee	59	8,481.40
Major orthodontia — retainer check visits	88	1,561.88
Major orthodontia — final models	12	402.60
Other Miscellaneous Dental Services:		
Other services	266	4,823.33

Appendix 2 (continued)

Service	Sept. 1/85 - Aug. 31/86 Number of Services	Cost
Denturist Services:		
Complete upper denture	406	$ 94,195.60
Complete lower denture	299	69,484.35
Partial denture without clasps	13	1,146.15
Partial acrylic denture — one to two teeth	8	1,426.95
Partial acrylic denture — three to five teeth	18	3,417.95
Partial acrylic denture — six or more teeth	42	8,373.53
Extra clasps	55	756.30
Repair denture — no impression	128	3,060.45
Repair denture — with impression	90	3,410.95
Add tooth to denture	116	810.65
Reline denture — self curing — upper	7	295.25
Reline denture — self curing — lower	5	214.35
Reline denture — processed — upper	97	6,857.30
Reline denture — processed — lower	77	5,425.75
Rebase — upper	11	1,005.05
Rebase — lower	15	1,378.70
Denture identification	734	5,175.40
Dental Laboratory Services:		
Complete upper or lower denture	859	91,725.30
Immediate dentures	314	36,725.60
Partial acrylic denture — one to two teeth	96	6,690.80
Partial acrylic denture — three to five teeth	288	23,828.05
Partial acrylic denture — six or more teeth	311	30,443.75
Extra clasp — single	68	643.80
Extra clasp — double	5	48.30
Extra clasp — double with rest	21	315.00
Duplicate model requiring impression	444	3,033.25
Model	1,859	7,632.35
Tray	640	6,811.42
Biteblock	1,033	8,368.60
Denture identification	1,384	9,826.05
Processed reline of denture	420	18,174.35
Rebase	26	1,317.75
Other Services Unidentified:	—	141,193.65
Total All Services and Costs	82,945	$2,720,282.78
Number Seen One or More Times	13,599	